

**South Central Wisconsin Occupation Projections, 2005-2007**  
**Detailed Occupational Trends**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>433,370</b>	<b>442,260</b>	<b>8,890</b>	<b>2.05%</b>	<b>4,450</b>	<b>10,590</b>	<b>15,040</b>		<b>\$36,924</b>	<b>\$8.91</b>	<b>\$22.17</b>
11-0000	Management Occupations	16,300	16,690	390	2.39%	200	270	470		\$82,812	\$21.23	\$49.10
11-1011	Chief Executives	670	690	20	2.99%	10	10	20	Bachelor's or higher degree, plus work exp	\$146,674	\$41.18	\$85.18
11-1021	General and Operations Managers	4,340	4,440	100	2.30%	50	70	120	Bachelor's or higher degree, plus work exp	\$96,173	\$24.23	\$57.24
11-1031	Legislators	750	740	-10	-1.33%	-10	10	<5	Bachelor's or higher degree, plus work exp	\$25,596	\$5.90	\$15.51
11-2011	Advertising and Promotions Managers	130	140	10	7.69%	10	<5	10	Bachelor's or higher degree, plus work exp	\$71,552	\$21.73	\$40.73
11-2021	Marketing Managers	300	310	10	3.33%	10	10	20	Bachelor's or higher degree, plus work exp	\$84,360	\$26.01	\$47.83
11-2022	Sales Managers	710	740	30	4.23%	20	10	30	Bachelor's or higher degree, plus work exp	\$88,009	\$24.70	\$51.12
11-2031	Public Relations Managers	120	120	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$55,988	\$13.16	\$33.80
11-3011	Administrative Services Managers	540	550	10	1.85%	10	10	20	Bachelor's or higher degree, plus work exp	\$69,242	\$22.54	\$38.67
11-3021	Computer and Information Systems Managers	880	900	20	2.27%	10	10	20	Bachelor's or higher degree, plus work exp	\$86,876	\$30.59	\$47.36
11-3031	Financial Managers	990	1,010	20	2.02%	10	10	20	Bachelor's or higher degree, plus work exp	\$97,336	\$29.64	\$55.38
11-3041	Compensation and Benefits Managers	130	130	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$77,983	\$23.07	\$44.70
11-3042	Training and Development Managers	90	90	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$72,372	\$25.76	\$39.31
11-3049	Human Resources Managers, All Other	170	170	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$78,473	\$26.10	\$43.54
11-3051	Industrial Production Managers	640	650	10	1.56%	10	10	20	Bachelor's or higher degree, plus work exp	\$71,494	\$24.58	\$39.27
11-3061	Purchasing Managers	180	180	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$80,700	\$24.45	\$45.97
11-3071	Transportation, Storage, and Distribution Managers	190	200	10	5.26%	10	<5	10	Work experience in a related occupation	\$65,937	\$23.31	\$35.89
11-9011	Farm, Ranch, and Other Agricultural Managers	*	*	*	*	10	<5	10	Bachelor's or higher degree, plus work exp			
11-9021	Construction Managers	400	420	20	5.00%	10	10	20	Bachelor's degree	\$82,707	\$23.13	\$48.08
11-9031	Education Administrators, Preschool and Child Care Center/Program	150	150	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp			
11-9032	Education Administrators, Elementary and Secondary School	650	670	20	3.08%	10	20	30	Bachelor's or higher degree, plus work exp	\$74,704		
11-9033	Education Administrators, Postsecondary	540	560	20	3.70%	10	10	20	Bachelor's or higher degree, plus work exp	\$78,638	\$25.02	\$44.20
11-9039	Education Administrators, All Other	80	80	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$64,555	\$24.18	\$34.46
11-9041	Engineering Managers	560	580	20	3.57%	10	10	20	Bachelor's or higher degree, plus work exp	\$89,422	\$33.00	\$47.98
11-9051	Food Service Managers	550	570	20	3.64%	10	10	20	Work experience in a related occupation	\$40,450	\$13.78	\$22.28
11-9061	Funeral Directors	70	70	0	0.00%	<5	<5	<5	Associate degree	\$45,274	\$14.27	\$25.52
11-9071	Gaming Managers	20	20	0	0.00%	<5	<5	<5	Work experience in a related occupation			
11-9081	Lodging Managers	*	*	*	*	10	<5	10	Work experience in a related occupation	\$40,877	\$14.94	\$22.01
11-9111	Medical and Health Services Managers	660	680	20	3.03%	10	10	20	Bachelor's or higher degree, plus work exp	\$80,886	\$23.50	\$46.58
11-9121	Natural Sciences Managers	120	120	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$99,845	\$32.43	\$55.79
11-9131	Postmasters and Mail Superintendents	100	100	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$55,620	\$21.59	\$29.32
11-9141	Property, Real Estate, and Community Association Managers	130	130	0	0.00%	<5	<5	<5	Bachelor's degree	\$77,582	\$20.95	\$45.47
11-9151	Social and Community Service Managers	360	370	10	2.78%	10	10	20	Bachelor's degree	\$53,263	\$17.93	\$29.45
11-9199	Managers, All Other	950	970	20	2.11%	10	20	30	Work experience in a related occupation	\$83,744	\$27.14	\$46.82
13-0000	Business and Financial Operations Occupations	20,130	20,570	440	2.19%	220	320	540		\$53,429	\$16.49	\$30.28
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$22,683	\$9.50	\$11.61
13-1021	Purchasing Agents and Buyers, Farm Products	50	50	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$39,339	\$15.02	\$20.86
13-1022	Wholesale and Retail Buyers, Except Farm Products	340	340	0	0.00%	<5	10	10	Bachelor's degree	\$48,844	\$14.57	\$27.94
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,020	1,040	20	1.96%	10	20	30	Bachelor's degree	\$47,692	\$16.62	\$26.08
13-1031	Claims Adjusters, Examiners, and Investigators	1,420	1,430	10	0.70%	10	20	30	Long-term on-the-job training	\$49,633	\$15.91	\$27.84
13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	620	630	10	1.61%	10	10	20	Long-term on-the-job training	\$52,329	\$17.64	\$28.92
13-1051	Cost Estimators	730	770	40	5.48%	20	20	40	Bachelor's degree	\$57,230	\$16.98	\$32.78
13-1061	Emergency Management Specialists	50	50	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$53,409	\$19.30	\$28.86
13-1071	Employment, Recruitment, and Placement Specialists	510	530	20	3.92%	10	10	20	Bachelor's degree	\$45,675	\$14.73	\$25.57
13-1072	Compensation, Benefits, and Job Analysis Specialists	430	440	10	2.33%	10	10	20	Bachelor's degree	\$48,145	\$16.76	\$26.34
13-1073	Training and Development Specialists	730	750	20	2.74%	10	10	20	Bachelor's degree	\$43,071	\$14.01	\$24.06

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13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	1,510	1,540	30	1.99%	20	20	40	Bachelor's degree	\$40,023	\$6.39	\$25.67
13-1081	Logisticians	140	140	0	0.00%	<5	<5	<5	Bachelor's degree	\$57,357	\$20.68	\$31.02
13-1111	Management Analysts	1,240	1,260	20	1.61%	10	20	30	Bachelor's or higher degree, plus work exp	\$57,573	\$19.87	\$31.59
13-1121	Meeting and Convention Planners	170	180	10	5.88%	10	<5	10	Bachelor's degree	\$41,963	\$14.46	\$23.03
13-1199	Business Operations Specialists, All Other	3,710	3,850	140	3.77%	70	60	130	Bachelor's degree	\$59,024	\$17.57	\$33.78
13-2011	Accountants and Auditors	3,400	3,470	70	2.06%	40	60	100	Bachelor's degree	\$55,890	\$19.22	\$30.69
13-2021	Appraisers and Assessors of Real Estate	280	290	10	3.57%	10	10	20	Postsecondary vocational training	\$50,681	\$17.69	\$27.70
13-2031	Budget Analysts	180	180	0	0.00%	<5	<5	<5	Bachelor's degree	\$53,534	\$20.47	\$28.37
13-2041	Credit Analysts	150	150	0	0.00%	<5	<5	<5	Bachelor's degree	\$46,417	\$16.10	\$25.42
13-2051	Financial Analysts	390	400	10	2.56%	10	10	20	Bachelor's degree	\$65,508	\$19.31	\$37.59
13-2052	Personal Financial Advisors	*	*	*	*	10	<5	10	Bachelor's degree	\$67,752	\$22.56	\$37.58
13-2053	Insurance Underwriters	760	760	0	0.00%	<5	10	10	Bachelor's degree	\$43,806	\$14.41	\$24.38
13-2061	Financial Examiners	110	110	0	0.00%	<5	<5	<5	Bachelor's degree	\$59,890	\$21.83	\$32.28
13-2071	Loan Counselors	*	*	*	*	<5	<5	<5	Bachelor's degree	\$43,231	\$12.78	\$24.79
13-2072	Loan Officers	1,220	1,230	10	0.82%	10	20	30	Bachelor's degree	\$56,014	\$18.51	\$31.14
13-2081	Tax Examiners, Collectors, and Revenue Agents	180	170	-10	-5.56%	-10	<5	-10	Bachelor's degree	\$52,032	\$18.69	\$28.18
13-2082	Tax Preparers	240	230	-10	-4.17%	-10	<5	-10	Moderate-term on-the-job training	\$43,136	\$13.40	\$24.41
13-2099	Financial Specialists, All Other	220	230	10	4.55%	10	<5	10	Bachelor's degree	\$51,462	\$17.38	\$28.42
15-0000	Computer and Mathematical Occupations	10,020	10,480	460	4.59%	230	110	340		\$59,253	\$17.97	\$33.75
15-1011	Computer and Information Scientists, Research	30	40	10	33.33%	10	<5	10	Doctoral degree	\$75,178	\$31.00	\$38.72
15-1021	Computer Programmers	1,100	1,090	-10	-0.91%	-10	20	10	Bachelor's degree	\$56,297	\$18.69	\$31.25
15-1031	Computer Software Engineers, Applications	1,930	2,090	160	8.29%	80	20	100	Bachelor's degree	\$76,703	\$22.54	\$44.04
15-1032	Computer Software Engineers, Systems Software	600	640	40	6.67%	20	10	30	Bachelor's degree	\$72,976	\$24.33	\$40.46
15-1041	Computer Support Specialists	1,560	1,610	50	3.21%	30	20	50	Associate degree	\$38,968	\$13.59	\$21.31
15-1051	Computer Systems Analysts	2,390	2,460	70	2.93%	40	20	60	Bachelor's degree	\$61,007	\$22.41	\$32.79
15-1061	Database Administrators	320	330	10	3.13%	10	<5	10	Bachelor's degree	\$60,530	\$20.13	\$33.59
15-1071	Network and Computer Systems Administrators	950	1,000	50	5.26%	30	10	40	Bachelor's degree	\$56,596	\$19.62	\$31.00
15-1081	Network Systems and Data Communications Analysts	560	610	50	8.93%	30	10	40	Bachelor's degree	\$58,205	\$18.67	\$32.64
15-1099	Computer Specialists, All Other	270	280	10	3.70%	10	<5	10	Associate degree	\$43,771	\$11.95	\$25.59
15-2011	Actuaries	150	150	0	0.00%	<5	10	10	Bachelor's or higher degree, plus work exp	\$77,186	\$24.35	\$43.49
15-2021	Mathematicians	*	*	*	*	<5	<5	<5	Doctoral degree			
15-2031	Operations Research Analysts	90	90	0	0.00%	<5	<5	<5	Master's degree	\$52,698	\$18.47	\$28.77
15-2041	Statisticians	70	60	-10	-14.29%	-10	<5	-10	Master's degree	\$59,136	\$19.74	\$32.77
15-2091	Mathematical Technicians	*	*	*	*	<5	<5	<5	Master's degree			
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	<5	<5	<5	Master's degree			
17-0000	Architecture and Engineering Occupations	8,220	8,360	140	1.70%	70	180	250		\$54,767	\$16.92	\$31.04
17-1011	Architects, Except Landscape and Naval	410	420	10	2.44%	10	<5	10	Bachelor's degree	\$64,804	\$18.39	\$37.54
17-1012	Landscape Architects	70	70	0	0.00%	<5	<5	<5	Bachelor's degree	\$52,630	\$19.32	\$28.29
17-1021	Cartographers and Photogrammetrists	*	*	*	*	<5	<5	<5	Bachelor's degree			
17-1022	Surveyors	240	240	0	0.00%	<5	10	10	Bachelor's degree	\$44,052	\$13.08	\$25.23
17-2011	Aerospace Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree			
17-2021	Agricultural Engineers	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$61,633	\$24.57	\$32.16
17-2031	Biomedical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	\$79,099	\$29.41	\$42.34
17-2041	Chemical Engineers	60	60	0	0.00%	<5	<5	<5	Bachelor's degree	\$76,083	\$26.19	\$41.77
17-2051	Civil Engineers	1,030	1,040	10	0.97%	10	20	30	Bachelor's degree	\$61,924	\$23.19	\$33.06
17-2061	Computer Hardware Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	\$61,238	\$19.75	\$34.29
17-2071	Electrical Engineers	610	610	0	0.00%	<5	10	10	Bachelor's degree	\$62,522	\$21.76	\$34.21
17-2072	Electronics Engineers, Except Computer	280	280	0	0.00%	<5	10	10	Bachelor's degree	\$63,632	\$23.72	\$34.03
17-2081	Environmental Engineers	260	270	10	3.85%	10	<5	10	Bachelor's degree	\$66,296	\$22.79	\$36.42
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	50	50	0	0.00%	<5	<5	<5	Bachelor's degree	\$59,323	\$22.56	\$31.50
17-2112	Industrial Engineers	560	580	20	3.57%	10	10	20	Bachelor's degree	\$59,929	\$22.33	\$32.05
17-2121	Marine Engineers and Naval Architects	0	0	0	NA	<5	<5	<5	Bachelor's degree			
17-2131	Materials Engineers	100	110	10	10.00%	10	<5	10	Bachelor's degree	\$65,336	\$26.19	\$34.02
17-2141	Mechanical Engineers	1,020	1,040	20	1.96%	10	30	40	Bachelor's degree	\$62,113	\$21.83	\$33.88
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree			

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17-2161	Nuclear Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree			
17-2171	Petroleum Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree			
17-2199	Engineers, All Other	300	300	0	0.00%	<5	10	10	Bachelor's degree	\$65,818	\$23.94	\$35.50
17-3011	Architectural and Civil Drafters	280	280	0	0.00%	<5	10	10	Postsecondary vocational training	\$41,933	\$14.81	\$22.84
17-3012	Electrical and Electronics Drafters	140	140	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$43,173	\$15.74	\$23.26
17-3013	Mechanical Drafters	470	480	10	2.13%	10	10	20	Postsecondary vocational training	\$41,662	\$14.59	\$22.75
17-3019	Drafters, All Other	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$38,440	\$13.98	\$20.73
17-3021	Aerospace Engineering and Operations Technicians	*	*	*	*	<5	<5	<5	Associate degree			
17-3022	Civil Engineering Technicians	570	570	0	0.00%	<5	10	10	Associate degree	\$41,902	\$14.71	\$22.86
17-3023	Electrical and Electronic Engineering Technicians	460	460	0	0.00%	<5	10	10	Associate degree	\$47,187	\$17.02	\$25.52
17-3024	Electro-Mechanical Technicians	*	*	*	*	10	<5	10	Associate degree			
17-3025	Environmental Engineering Technicians	80	80	0	0.00%	<5	<5	<5	Associate degree	\$40,142	\$13.00	\$22.45
17-3026	Industrial Engineering Technicians	180	190	10	5.56%	10	<5	10	Associate degree	\$40,928	\$15.07	\$21.98
17-3027	Mechanical Engineering Technicians	230	240	10	4.35%	10	10	20	Associate degree	\$39,569	\$13.32	\$21.87
17-3029	Engineering Technicians, Except Drafters, All Other	140	150	10	7.14%	10	<5	10	Associate degree	\$42,967	\$14.26	\$23.86
17-3031	Surveying and Mapping Technicians	240	240	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$30,048	\$10.66	\$16.34
19-0000	Life, Physical, and Social Science Occupations	5,200	5,320	120	2.31%	60	120	180		\$47,403	\$15.03	\$26.67
19-1011	Animal Scientists	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$54,174	\$18.30	\$29.92
19-1012	Food Scientists and Technologists	70	70	0	0.00%	<5	<5	<5	Bachelor's degree	\$46,763	\$16.96	\$25.24
19-1013	Soil and Plant Scientists	90	90	0	0.00%	<5	<5	<5	Bachelor's degree	\$45,235	\$17.30	\$23.97
19-1021	Biochemists and Biophysicists	120	130	10	8.33%	10	<5	10	Doctoral degree	\$50,037	\$18.14	\$27.02
19-1022	Microbiologists	100	110	10	10.00%	10	<5	10	Doctoral degree	\$51,576	\$18.42	\$27.98
19-1023	Zoologists and Wildlife Biologists	90	90	0	0.00%	<5	<5	<5	Doctoral degree	\$48,564	\$17.26	\$26.39
19-1029	Biological Scientists, All Other	80	90	10	12.50%	10	<5	10	Doctoral degree	\$45,510	\$18.29	\$23.68
19-1031	Conservation Scientists	260	250	-10	-3.85%	-10	10	<5	Bachelor's degree	\$57,705	\$22.46	\$30.38
19-1032	Foresters	130	130	0	0.00%	<5	<5	<5	Bachelor's degree	\$48,101	\$17.62	\$25.88
19-1041	Epidemiologists	20	20	0	0.00%	<5	<5	<5	Master's degree	\$58,691	\$24.54	\$30.05
19-1042	Medical Scientists, Except Epidemiologists	330	350	20	6.06%	10	10	20	Doctoral degree	\$50,159	\$17.95	\$27.20
19-1099	Life Scientists, All Other	10	10	0	0.00%	<5	<5	<5	Bachelor's degree	\$46,852	\$17.65	\$24.96
19-2011	Astronomers	*	*	*	*	<5	<5	<5	Doctoral degree			
19-2012	Physicists	60	60	0	0.00%	<5	<5	<5	Doctoral degree	\$50,908	\$19.18	\$27.12
19-2021	Atmospheric and Space Scientists	40	40	0	0.00%	<5	<5	<5	Bachelor's degree	\$60,922	\$18.98	\$34.44
19-2031	Chemists	390	410	20	5.13%	10	10	20	Bachelor's degree	\$45,249	\$15.13	\$25.07
19-2032	Materials Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	\$64,759	\$17.29	\$38.06
19-2041	Environmental Scientists and Specialists, Including Health	290	290	0	0.00%	<5	10	10	Master's degree	\$48,262	\$17.48	\$26.06
19-2042	Geoscientists, Except Hydrologists and Geographers	*	*	*	*	<5	<5	<5	Master's degree			
19-2043	Hydrologists	110	110	0	0.00%	<5	<5	<5	Master's degree	\$62,752	\$21.84	\$34.33
19-2099	Physical Scientists, All Other	90	90	0	0.00%	<5	<5	<5	Bachelor's degree	\$43,958	\$18.39	\$22.51
19-3011	Economists	60	50	-10	-16.67%	-10	<5	-10	Master's degree	\$64,727	\$17.89	\$37.73
19-3021	Market Research Analysts	730	750	20	2.74%	10	20	30	Master's degree	\$58,685	\$17.57	\$33.54
19-3022	Survey Researchers	*	*	*	*	<5	<5	<5	Master's degree	\$86,820	\$28.14	\$48.54
19-3031	Clinical, Counseling, and School Psychologists	430	440	10	2.33%	10	10	20	Doctoral degree	\$55,746	\$18.15	\$31.13
19-3039	Psychologists, All Other	*	*	*	*	<5	<5	<5	Master's degree			
19-3041	Sociologists	20	20	0	0.00%	<5	<5	<5	Master's degree	\$45,789	\$18.12	\$23.96
19-3051	Urban and Regional Planners	70	70	0	0.00%	<5	<5	<5	Master's degree	\$58,832	\$20.61	\$32.12
19-3091	Anthropologists and Archeologists	*	*	*	*	<5	<5	<5	Master's degree			
19-3092	Geographers	*	*	*	*	<5	<5	<5	Master's degree			
19-3093	Historians	10	10	0	0.00%	<5	<5	<5	Master's degree	\$52,385	\$18.81	\$28.37
19-3094	Political Scientists	10	10	0	0.00%	<5	<5	<5	Master's degree	\$39,058	\$15.35	\$20.49
19-3099	Social Scientists and Related Workers, All Other	130	130	0	0.00%	<5	<5	<5	Master's degree	\$50,614	\$18.10	\$27.45
19-4011	Agricultural and Food Science Technicians	110	110	0	0.00%	<5	<5	<5	Associate degree	\$32,712	\$11.64	\$17.77
19-4021	Biological Technicians	260	260	0	0.00%	<5	<5	<5	Associate degree	\$31,911	\$10.92	\$17.55
19-4031	Chemical Technicians	240	250	10	4.17%	10	10	20	Associate degree	\$37,794	\$12.40	\$21.06
19-4041	Geological and Petroleum Technicians	*	*	*	*	<5	<5	<5	Associate degree			
19-4061	Social Science Research Assistants	120	120	0	0.00%	<5	<5	<5	Associate degree	\$31,437	\$14.37	\$15.48
19-4091	Environmental Science and Protection Technicians, Including Health	70	70	0	0.00%	<5	<5	<5	Associate degree	\$36,030	\$14.06	\$18.95
19-4092	Forensic Science Technicians	*	*	*	*	<5	<5	<5	Associate degree	\$38,264	\$14.21	\$20.49

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
19-4093	Forest and Conservation Technicians	120	120	0	0.00%	<5	<5	<5	Associate degree	\$34,453	\$12.73	\$18.48
19-4099	Life, Physical, and Social Science Technicians, All Other	390	400	10	2.56%	10	10	20	Associate degree	\$33,721	\$13.56	\$17.54
21-0000	Community and Social Services Occupations	9,100	9,330	230	2.53%	120	160	280		\$42,157	\$12.91	\$23.95
21-1011	Substance Abuse and Behavioral Disorder Counselors	220	230	10	4.55%	10	10	20	Master's degree	\$37,425	\$14.08	\$19.95
21-1012	Educational, Vocational, and School Counselors	640	660	20	3.13%	10	10	20	Master's degree	\$43,007	\$12.38	\$24.83
21-1013	Marriage and Family Therapists	110	110	0	0.00%	<5	<5	<5	Master's degree	\$49,050	\$18.95	\$25.90
21-1014	Mental Health Counselors	260	270	10	3.85%	10	10	20	Master's degree	\$46,376	\$14.23	\$26.33
21-1015	Rehabilitation Counselors	370	380	10	2.70%	10	10	20	Master's degree	\$34,285	\$11.61	\$18.92
21-1019	Counselors, All Other	250	250	0	0.00%	<5	<5	<5	Master's degree	\$44,585	\$16.53	\$23.89
21-1021	Child, Family, and School Social Workers	1,000	1,030	30	3.00%	20	20	40	Master's degree	\$48,157	\$15.86	\$26.80
21-1022	Medical and Public Health Social Workers	290	300	10	3.45%	10	10	20	Master's degree	\$41,403	\$15.69	\$22.01
21-1023	Mental Health and Substance Abuse Social Workers	*	*	*	*	10	10	20	Master's degree	\$60,162	\$16.89	\$34.94
21-1029	Social Workers, All Other	140	150	10	7.14%	10	<5	10	Master's degree	\$52,355	\$17.36	\$29.08
21-1091	Health Educators	140	140	0	0.00%	<5	<5	<5	Master's degree	\$45,074	\$14.09	\$25.46
21-1092	Probation Officers and Correctional Treatment Specialists	*	*	*	*	<5	10	10	Bachelor's degree			
21-1093	Social and Human Service Assistants	1,270	1,320	50	3.94%	30	20	50	Moderate-term on-the-job training	\$31,212	\$10.44	\$17.29
21-1099	Community and Social Service Specialists, All Other	360	390	30	8.33%	20	10	30	Bachelor's degree	\$35,959	\$12.54	\$19.66
21-2011	Clergy	2,110	2,130	20	0.95%	10	40	50	Master's degree	\$40,860	\$15.03	\$21.95
21-2021	Directors, Religious Activities and Education	*	*	*	*	10	10	20	Bachelor's degree			
21-2099	Religious Workers, All Other	*	*	*	*	<5	10	10	Bachelor's degree			
23-0000	Legal Occupations	2,620	2,660	40	1.53%	20	30	50		\$69,786	\$16.75	\$41.95
23-1011	Lawyers	1,600	1,630	30	1.88%	20	20	40	First professional degree	\$86,838	\$24.55	\$50.35
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp			
23-1022	Arbitrators, Mediators, and Conciliators	80	80	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$53,445	\$14.93	\$31.08
23-1023	Judges, Magistrate Judges, and Magistrates	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$73,993	\$7.83	\$49.45
23-2011	Paralegals and Legal Assistants	430	440	10	2.33%	10	<5	10	Associate degree	\$40,380	\$14.00	\$22.12
23-2091	Court Reporters	20	20	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$47,738	\$14.83	\$27.01
23-2092	Law Clerks	50	50	0	0.00%	<5	<5	<5	Bachelor's degree	\$40,008	\$11.91	\$22.90
23-2093	Title Examiners, Abstractors, and Searchers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$35,968	\$11.67	\$20.10
23-2099	Legal Support Workers, All Other	80	80	0	0.00%	<5	<5	<5	Bachelor's degree	\$42,801	\$15.17	\$23.28
25-0000	Education, Training, and Library Occupations	28,310	29,240	930	3.29%	470	550	1,020		\$44,129	\$11.95	\$25.85
25-1011	Business Teachers, Postsecondary	280	290	10	3.57%	10	10	20	Doctoral degree	\$82,764		
25-1021	Computer Science Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1022	Mathematical Science Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1031	Architecture Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1032	Engineering Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1041	Agricultural Sciences Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1042	Biological Science Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1043	Forestry and Conservation Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1052	Chemistry Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1053	Environmental Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1054	Physics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1061	Anthropology and Archeology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1063	Economics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1064	Geography Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1065	Political Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1066	Psychology Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1067	Sociology Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1069	Social Sciences Teachers, Postsecondary, All Other	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1071	Health Specialties Teachers, Postsecondary	*	*	*	*	20	10	30	Master's degree			
25-1072	Nursing Instructors and Teachers, Postsecondary	190	200	10	5.26%	10	<5	10	Doctoral degree	\$64,237		
25-1081	Education Teachers, Postsecondary	230	240	10	4.35%	10	10	20	Doctoral degree	\$59,414		

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25-1082	Library Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	30	0	0.00%	<5	<5	<5	Doctoral degree			
25-1112	Law Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1113	Social Work Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1121	Art, Drama, and Music Teachers, Postsecondary	260	270	10	3.85%	10	10	20	Master's degree	\$56,967		
25-1122	Communications Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1123	English Language and Literature Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1124	Foreign Language and Literature Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1125	History Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1126	Philosophy and Religion Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree			
25-1191	Graduate Teaching Assistants	*	*	*	*	10	10	20	Bachelor's degree			
25-1192	Home Economics Teachers, Postsecondary	*	*	*	*	10	<5	10	Doctoral degree			
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Master's degree			
25-1194	Vocational Education Teachers, Postsecondary	*	*	*	*	10	10	20	Work experience in a related occupation	\$59,092	\$16.17	\$34.53
25-1199	Postsecondary Teachers, All Other	520	550	30	5.77%	20	10	30	Doctoral degree	\$57,970		
25-2011	Preschool Teachers, Except Special Education	1,350	1,420	70	5.19%	40	10	50	Bachelor's degree	\$24,559	\$8.50	\$13.46
25-2012	Kindergarten Teachers, Except Special Education	530	550	20	3.77%	10	10	20	Bachelor's degree	\$41,109		
25-2021	Elementary School Teachers, Except Special Education	4,880	5,020	140	2.87%	70	100	170	Bachelor's degree	\$43,250		
25-2022	Middle School Teachers, Except Special and Vocational Education	2,550	2,590	40	1.57%	20	50	70	Bachelor's degree	\$44,331		
25-2023	Vocational Education Teachers, Middle School	90	90	0	0.00%	<5	<5	<5	Bachelor's degree	\$51,729		
25-2031	Secondary School Teachers, Except Special and Vocational Education	4,090	4,180	90	2.20%	50	110	160	Bachelor's degree	\$43,417		
25-2032	Vocational Education Teachers, Secondary School	330	340	10	3.03%	10	10	20	Bachelor's degree	\$47,645		
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	560	580	20	3.57%	10	10	20	Bachelor's degree	\$43,055		
25-2042	Special Education Teachers, Middle School	320	330	10	3.13%	10	10	20	Bachelor's degree	\$41,520		
25-2043	Special Education Teachers, Secondary School	460	470	10	2.17%	10	10	20	Bachelor's degree	\$46,553		
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	380	390	10	2.63%	10	<5	10	Bachelor's degree	\$48,682	\$18.54	\$25.84
25-3021	Self-Enrichment Education Teachers	650	670	20	3.08%	10	10	20	Work experience in a related occupation	\$36,361	\$10.73	\$20.86
25-3099	Teachers and Instructors, All Other	*	*	*	*	30	20	50	Bachelor's degree			
25-4011	Archivists	30	30	0	0.00%	<5	<5	<5	Master's degree	\$49,167	\$17.86	\$26.53
25-4012	Curators	30	30	0	0.00%	<5	<5	<5	Master's degree	\$48,739	\$16.92	\$26.69
25-4013	Museum Technicians and Conservators	*	*	*	*	<5	<5	<5	Master's degree			
25-4021	Librarians	480	490	10	2.08%	10	10	20	Master's degree	\$49,175	\$17.71	\$26.61
25-4031	Library Technicians	420	420	0	0.00%	<5	20	20	Postsecondary vocational training	\$24,488	\$7.70	\$13.81
25-9011	Audio-Visual Collections Specialists	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
25-9021	Farm and Home Management Advisors	140	140	0	0.00%	<5	<5	<5	Bachelor's degree	\$42,416	\$14.72	\$23.23
25-9031	Instructional Coordinators	190	200	10	5.26%	10	<5	10	Master's degree	\$51,800	\$17.68	\$28.51
25-9041	Teacher Assistants	4,120	4,250	130	3.16%	70	70	140	Associate degree	\$23,814		
25-9099	Education, Training, and Library Workers, All Other	*	*	*	*	10	10	20	Bachelor's degree	\$28,384	\$9.07	\$15.94
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	6,130	6,270	140	2.28%	70	110	180		\$38,711	\$10.08	\$22.88
27-1011	Art Directors	70	70	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$58,257	\$18.80	\$32.61
27-1012	Craft Artists	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$28,900	\$9.11	\$16.29
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$39,967	\$14.94	\$21.35
27-1014	Multi-Media Artists and Animators	70	70	0	0.00%	<5	<5	<5	Bachelor's degree	\$44,900	\$17.08	\$23.84
27-1019	Artists and Related Workers, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$30,548	\$8.40	\$17.83
27-1021	Commercial and Industrial Designers	130	140	10	7.69%	10	<5	10	Bachelor's degree	\$55,865	\$18.22	\$31.18
27-1023	Floral Designers	210	210	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$22,210	\$7.73	\$12.15
27-1024	Graphic Designers	660	670	10	1.52%	10	10	20	Bachelor's degree	\$36,680	\$11.72	\$20.59
27-1025	Interior Designers	180	180	0	0.00%	<5	<5	<5	Bachelor's degree	\$42,819	\$14.43	\$23.66
27-1026	Merchandise Displayers and Window Trimmers	110	110	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$24,178	\$8.06	\$13.41
27-1027	Set and Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree			
27-1029	Designers, All Other	*	*	*	*	10	<5	10	Bachelor's degree			
27-2011	Actors	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
27-2012	Producers and Directors	110	110	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$41,226	\$13.68	\$22.89



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27-2021	Athletes and Sports Competitors	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
27-2022	Coaches and Scouts	520	540	20	3.85%	10	10	20	Long-term on-the-job training	\$29,316		
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	10	10	20	Long-term on-the-job training	\$29,186		
27-2031	Dancers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
27-2032	Choreographers	*	*	*	*	<5	10	10	Work experience in a related occupation	\$22,047	\$9.55	\$11.12
27-2041	Music Directors and Composers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp			
27-2042	Musicians and Singers	*	*	*	*	10	10	20	Long-term on-the-job training			
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	40	40	0	0.00%	<5	<5	<5	Long-term on-the-job training			
27-3011	Radio and Television Announcers	160	160	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$28,564	\$8.30	\$16.45
27-3012	Public Address System and Other Announcers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$27,925	\$10.54	\$14.87
27-3021	Broadcast News Analysts	30	30	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$40,034	\$9.81	\$23.97
27-3022	Reporters and Correspondents	170	170	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp	\$28,926	\$9.62	\$16.05
27-3031	Public Relations Specialists	810	830	20	2.47%	10	10	20	Bachelor's degree	\$49,644	\$14.62	\$28.49
27-3041	Editors	370	380	10	2.70%	10	10	20	Bachelor's degree	\$49,398	\$14.88	\$28.18
27-3042	Technical Writers	180	180	0	0.00%	<5	10	10	Bachelor's degree	\$48,518	\$16.36	\$26.81
27-3043	Writers and Authors	190	190	0	0.00%	<5	<5	<5	Bachelor's degree	\$37,182	\$5.94	\$23.84
27-3091	Interpreters and Translators	100	100	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$41,763	\$14.20	\$23.02
27-3099	Media and Communication Workers, All Other	40	40	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$55,141	\$17.42	\$31.05
27-4011	Audio and Video Equipment Technicians	110	110	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$29,631	\$9.67	\$16.53
27-4012	Broadcast Technicians	130	130	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$31,997	\$9.57	\$18.29
27-4013	Radio Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
27-4014	Sound Engineering Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training			
27-4021	Photographers	170	170	0	0.00%	<5	<5	<5	Bachelor's degree	\$28,069	\$9.70	\$15.39
27-4031	Camera Operators, Television, Video, and Motion Picture	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
27-4032	Film and Video Editors	10	10	0	0.00%	<5	<5	<5	Bachelor's degree	\$35,345	\$10.42	\$20.28
27-4099	Media and Communication Equipment Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
29-0000	Healthcare Practitioners and Technical Occupations	21,020	21,870	850	4.04%	430	350	780		\$55,235	\$14.45	\$32.61
29-1011	Chiropractors	120	120	0	0.00%	<5	<5	<5	First professional degree	\$88,471	\$25.61	\$50.99
29-1021	Dentists, General	320	330	10	3.13%	10	10	20	First professional degree	\$170,725		
29-1022	Oral and Maxillofacial Surgeons	*	*	*	*	<5	<5	<5	First professional degree	\$191,472		
29-1023	Orthodontists	*	*	*	*	<5	<5	<5	First professional degree			
29-1024	Prosthodontists	0	0	0	NA	<5	<5	<5	First professional degree			
29-1029	Dentists, All Other Specialists	*	*	*	*	<5	<5	<5	First professional degree			
29-1031	Dietitians and Nutritionists	180	180	0	0.00%	<5	10	10	Bachelor's degree	\$51,125	\$19.12	\$27.31
29-1041	Optometrists	60	60	0	0.00%	<5	<5	<5	First professional degree	\$75,277	\$29.24	\$39.67
29-1051	Pharmacists	660	680	20	3.03%	10	10	20	First professional degree	\$91,250	\$33.57	\$49.02
29-1061	Anesthesiologists	50	50	0	0.00%	<5	<5	<5	First professional degree	\$143,410	\$49.96	\$78.44
29-1062	Family and General Practitioners	230	240	10	4.35%	10	<5	10	First professional degree	\$145,898	\$34.45	\$87.99
29-1063	Internists, General	*	*	*	*	10	<5	10	First professional degree	\$175,890		
29-1064	Obstetricians and Gynecologists	*	*	*	*	<5	<5	<5	First professional degree			
29-1065	Pediatricians, General	*	*	*	*	<5	<5	<5	First professional degree	\$154,594	\$47.77	\$87.60
29-1066	Psychiatrists	60	70	10	16.67%	10	<5	10	First professional degree	\$190,784		
29-1067	Surgeons	*	*	*	*	<5	<5	<5	First professional degree			
29-1069	Physicians and Surgeons, All Other	540	560	20	3.70%	10	10	20	First professional degree	\$120,520	\$38.44	\$67.70
29-1071	Physician Assistants	200	220	20	10.00%	10	<5	10	Bachelor's degree			
29-1081	Podiatrists	20	20	0	0.00%	<5	<5	<5	First professional degree	\$115,637	\$32.39	\$67.20
29-1111	Registered Nurses	7,630	8,000	370	4.85%	190	140	330	Bachelor's degree	\$56,605	\$22.32	\$29.66
29-1121	Audiologists	100	100	0	0.00%	<5	<5	<5	Doctoral degree	\$59,897	\$21.75	\$32.32
29-1122	Occupational Therapists	420	440	20	4.76%	10	10	20	Master's degree	\$53,612	\$19.32	\$29.00
29-1123	Physical Therapists	530	550	20	3.77%	10	<5	10	Master's degree	\$58,729	\$22.21	\$31.25
29-1124	Radiation Therapists	*	*	*	*	10	<5	10	Associate degree	\$59,253	\$21.89	\$31.78
29-1125	Recreational Therapists	80	80	0	0.00%	<5	<5	<5	Bachelor's degree	\$37,494	\$13.00	\$20.54
29-1126	Respiratory Therapists	240	250	10	4.17%	10	10	20	Associate degree	\$48,790	\$19.44	\$25.46
29-1127	Speech-Language Pathologists	340	350	10	2.94%	10	10	20	Master's degree	\$48,494	\$16.05	\$26.95
29-1129	Therapists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree			
29-1131	Veterinarians	230	230	0	0.00%	<5	10	10	First professional degree	\$77,105	\$23.78	\$43.71
29-1199	Health Diagnosing and Treating Practitioners, All Other	100	100	0	0.00%	<5	<5	<5	First professional degree	\$53,194	\$18.47	\$29.12

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29-2011	Medical and Clinical Laboratory Technologists	530	550	20	3.77%	10	10	20	Bachelor's degree	\$45,847	\$17.41	\$24.36
29-2012	Medical and Clinical Laboratory Technicians	310	330	20	6.45%	10	10	20	Associate degree	\$33,151	\$12.68	\$17.57
29-2021	Dental Hygienists	620	650	30	4.84%	20	<5	20	Associate degree	\$55,582	\$22.85	\$28.66
29-2031	Cardiovascular Technologists and Technicians	100	110	10	10.00%	10	<5	10	Associate degree	\$41,528	\$12.83	\$23.53
29-2032	Diagnostic Medical Sonographers	140	140	0	0.00%	<5	<5	<5	Associate degree	\$61,058	\$23.91	\$32.08
29-2033	Nuclear Medicine Technologists	60	60	0	0.00%	<5	<5	<5	Associate degree	\$59,583	\$24.41	\$30.77
29-2034	Radiologic Technologists and Technicians	650	680	30	4.62%	20	10	30	Associate degree	\$47,858	\$18.55	\$25.24
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,040	30	2.97%	20	10	30	Postsecondary vocational training	\$22,259	\$5.94	\$13.08
29-2051	Dietetic Technicians	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$24,216	\$8.46	\$13.23
29-2052	Pharmacy Technicians	830	860	30	3.61%	20	10	30	Moderate-term on-the-job training	\$25,615	\$9.34	\$13.80
29-2053	Psychiatric Technicians	370	370	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$32,695	\$11.89	\$17.63
29-2054	Respiratory Therapy Technicians	40	40	0	0.00%	<5	<5	<5	Associate degree	\$40,602	\$17.78	\$20.39
29-2055	Surgical Technologists	330	350	20	6.06%	10	<5	10	Postsecondary vocational training	\$38,069	\$15.17	\$19.87
29-2056	Veterinary Technologists and Technicians	220	230	10	4.55%	10	<5	10	Associate degree	\$32,796	\$11.96	\$17.67
29-2061	Licensed Practical and Licensed Vocational Nurses	1,610	1,640	30	1.86%	20	30	50	Postsecondary vocational training	\$37,813	\$15.19	\$19.67
29-2071	Medical Records and Health Information Technicians	*	*	*	*	20	10	30	Associate degree	\$30,295	\$10.15	\$16.77
29-2081	Opticians, Dispensing	250	250	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$28,292	\$10.28	\$15.26
29-2091	Orthotists and Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree			
29-2099	Health Technologists and Technicians, All Other	330	340	10	3.03%	10	10	20	Postsecondary vocational training	\$42,132	\$14.43	\$23.17
29-9011	Occupational Health and Safety Specialists	120	120	0	0.00%	<5	<5	<5	Bachelor's degree	\$50,692	\$17.54	\$27.79
29-9012	Occupational Health and Safety Technicians	20	20	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$44,517	\$16.47	\$23.87
29-9091	Athletic Trainers	70	70	0	0.00%	<5	<5	<5	Bachelor's degree	\$43,009		
29-9099	Healthcare Practitioners and Technical Workers, All Other	160	170	10	6.25%	10	<5	10	Postsecondary vocational training	\$32,820	\$12.37	\$17.48
31-0000	Healthcare Support Occupations	12,090	12,560	470	3.89%	240	170	410		\$25,556	\$9.40	\$13.73
31-1011	Home Health Aides	2,290	2,460	170	7.42%	90	30	120	Short-term on-the-job training	\$21,108	\$8.90	\$10.77
31-1012	Nursing Aides, Orderlies, and Attendants	5,600	5,700	100	1.79%	50	70	120	Postsecondary vocational training	\$25,120	\$9.80	\$13.21
31-1013	Psychiatric Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
31-2011	Occupational Therapist Assistants	120	120	0	0.00%	<5	<5	<5	Associate degree	\$40,766	\$14.56	\$22.12
31-2012	Occupational Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
31-2021	Physical Therapist Assistants	200	210	10	5.00%	10	<5	10	Associate degree	\$37,975	\$14.07	\$20.35
31-2022	Physical Therapist Aides	100	100	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$25,060	\$9.14	\$13.50
31-9011	Massage Therapists	100	110	10	10.00%	10	<5	10	Postsecondary vocational training	\$28,721	\$9.50	\$15.96
31-9091	Dental Assistants	720	770	50	6.94%	30	20	50	Moderate-term on-the-job training	\$29,438	\$10.89	\$15.78
31-9092	Medical Assistants	930	990	60	6.45%	30	20	50	Moderate-term on-the-job training	\$28,145	\$10.91	\$14.84
31-9093	Medical Equipment Preparers	130	130	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$26,315	\$9.09	\$14.43
31-9094	Medical Transcriptionists	620	650	30	4.84%	20	10	30	Postsecondary vocational training	\$30,207	\$11.73	\$15.92
31-9095	Pharmacy Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$22,006	\$7.84	\$11.95
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	180	180	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$22,070	\$7.81	\$12.01
31-9099	Healthcare Support Workers, All Other	900	930	30	3.33%	20	20	40	Short-term on-the-job training	\$29,248	\$11.18	\$15.50
33-0000	Protective Service Occupations	8,770	8,790	20	0.23%	10	260	270		\$34,717	\$8.92	\$20.58
33-1011	First-Line Supervisors/Managers of Correctional Officers	320	320	0	0.00%	<5	10	10	Work experience in a related occupation	\$52,727	\$20.96	\$27.55
33-1012	First-Line Supervisors/Managers of Police and Detectives	200	210	10	5.00%	10	10	20	Work experience in a related occupation	\$64,141	\$24.26	\$34.12
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	*	*	*	*	10	<5	10	Work experience in a related occupation	\$63,809	\$21.56	\$35.24
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$50,839	\$16.39	\$28.47
33-2011	Fire Fighters	990	1,010	20	2.02%	10	30	40	Long-term on-the-job training	\$30,656	\$9.16	\$17.53
33-2021	Fire Inspectors and Investigators	*	*	*	*	-10	<5	-10	Work experience in a related occupation			
33-3011	Bailiffs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
33-3012	Correctional Officers and Jailers	2,630	2,580	-50	-1.90%	-30	50	20	Moderate-term on-the-job training	\$35,799	\$14.60	\$18.52
33-3021	Detectives and Criminal Investigators	270	280	10	3.70%	10	10	20	Work experience in a related occupation	\$54,299	\$20.20	\$29.06
33-3031	Fish and Game Wardens	*	*	*	*	<5	<5	<5	Associate degree	\$43,597	\$18.11	\$22.38
33-3041	Parking Enforcement Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
33-3051	Police and Sheriff's Patrol Officers	1,600	1,620	20	1.25%	10	40	50	Long-term on-the-job training	\$45,075	\$17.28	\$23.87
33-3052	Transit and Railroad Police	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
33-9011	Animal Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
33-9021	Private Detectives and Investigators	40	40	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$31,692	\$11.87	\$16.92
33-9031	Gaming Surveillance Officers and Gaming Investigators	40	40	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			

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33-9032	Security Guards	1,500	1,510	10	0.67%	10	40	50	Short-term on-the-job training	\$19,702	\$6.41	\$11.00
33-9091	Crossing Guards	220	230	10	4.55%	10	10	20	Short-term on-the-job training	\$20,999	\$7.33	\$11.48
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	*	*	*	*	10	40	50	Short-term on-the-job training	\$17,543	\$7.22	\$9.04
33-9099	Protective Service Workers, All Other	240	250	10	4.17%	10	30	40	Short-term on-the-job training	\$34,639	\$10.73	\$19.62
35-0000	Food Preparation and Serving Related Occupations	37,210	38,280	1,070	2.88%	540	1,810	2,350		\$18,098	\$6.09	\$10.01
35-1011	Chefs and Head Cooks	560	580	20	3.57%	10	20	30	Postsecondary vocational training	\$30,443	\$9.94	\$16.98
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,400	2,470	70	2.92%	40	60	100	Work experience in a related occupation	\$29,935	\$10.40	\$16.39
35-2011	Cooks, Fast Food	1,620	1,670	50	3.09%	30	70	100	Short-term on-the-job training	\$16,384	\$6.89	\$8.37
35-2012	Cooks, Institution and Cafeteria	1,350	1,360	10	0.74%	10	50	60	Long-term on-the-job training	\$23,566	\$9.05	\$12.47
35-2013	Cooks, Private Household	20	20	0	0.00%	<5	<5	<5	Long-term on-the-job training			
35-2014	Cooks, Restaurant	2,210	2,280	70	3.17%	40	90	130	Long-term on-the-job training	\$19,815	\$7.29	\$10.65
35-2015	Cooks, Short Order	810	830	20	2.47%	10	30	40	Short-term on-the-job training	\$20,307	\$7.51	\$10.89
35-2019	Cooks, All Other	10	20	10	100.00%	10	<5	10	Long-term on-the-job training	\$21,987	\$8.23	\$11.74
35-2021	Food Preparation Workers	2,410	2,480	70	2.90%	40	110	150	Short-term on-the-job training	\$18,303	\$7.02	\$9.69
35-3011	Bartenders	3,620	3,720	100	2.76%	50	140	190	Short-term on-the-job training	\$16,823	\$6.20	\$9.03
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	7,940	8,190	250	3.15%	130	430	560	Short-term on-the-job training	\$15,982	\$5.96	\$8.55
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	960	990	30	3.13%	20	100	120	Short-term on-the-job training	\$16,141	\$6.44	\$8.42
35-3031	Waiters and Waitresses	7,910	8,160	250	3.16%	130	460	590	Short-term on-the-job training	\$16,841	\$5.92	\$9.19
35-3041	Food Servers, Nonrestaurant	640	640	0	0.00%	<5	30	30	Short-term on-the-job training	\$20,420	\$7.68	\$10.89
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,410	1,450	40	2.84%	20	60	80	Short-term on-the-job training	\$14,808	\$5.90	\$7.73
35-9021	Dishwashers	2,120	2,190	70	3.30%	40	100	140	Short-term on-the-job training	\$15,902	\$5.94	\$8.50
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	970	1,010	40	4.12%	20	40	60	Short-term on-the-job training	\$16,891	\$6.04	\$9.16
35-9099	Food Preparation and Serving Related Workers, All Other	240	250	10	4.17%	10	10	20	Short-term on-the-job training	\$22,285	\$7.64	\$12.25
37-0000	Building and Grounds Cleaning and Maintenance Occupations	16,790	17,260	470	2.80%	240	330	570		\$23,844	\$7.65	\$13.37
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	680	710	30	4.41%	20	20	40	Work experience in a related occupation	\$35,416	\$10.76	\$20.16
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	330	330	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$47,945	\$15.67	\$26.74
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	8,490	8,720	230	2.71%	120	160	280	Short-term on-the-job training	\$22,430	\$7.64	\$12.36
37-2012	Maids and Housekeeping Cleaners	4,430	4,550	120	2.71%	60	90	150	Short-term on-the-job training	\$18,099	\$7.10	\$9.50
37-2019	Building Cleaning Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
37-2021	Pest Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
37-3011	Landscaping and Groundskeeping Workers	2,630	2,710	80	3.04%	40	60	100	Short-term on-the-job training	\$25,252	\$8.80	\$13.81
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	*	*	*	*	10	<5	10	Moderate-term on-the-job training	\$29,526	\$10.86	\$15.86
37-3013	Tree Trimmers and Pruners	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$32,458	\$11.02	\$17.90
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
39-0000	Personal Care and Service Occupations	12,380	12,900	520	4.20%	260	300	560		\$22,120	\$7.26	\$12.32
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation			
39-1012	Slot Key Persons	60	60	0	0.00%	<5	<5	<5	Postsecondary vocational training			
39-1021	First-Line Supervisors/Managers of Personal Service Workers	480	500	20	4.17%	10	10	20	Work experience in a related occupation	\$31,820	\$10.88	\$17.51
39-2011	Animal Trainers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
39-2021	Nonfarm Animal Caretakers	*	*	*	*	10	10	20	Short-term on-the-job training	\$20,238	\$6.76	\$11.21
39-3011	Gaming Dealers	120	130	10	8.33%	10	10	20	Postsecondary vocational training			
39-3012	Gaming and Sports Book Writers and Runners	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training			
39-3019	Gaming Service Workers, All Other	40	40	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
39-3021	Motion Picture Projectionists	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
39-3031	Ushers, Lobby Attendants, and Ticket Takers	230	230	0	0.00%	<5	20	20	Short-term on-the-job training	\$16,160	\$6.57	\$8.37
39-3091	Amusement and Recreation Attendants	1,290	1,320	30	2.33%	20	50	70	Short-term on-the-job training	\$18,862	\$7.09	\$10.06
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training			



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39-3093	Locker Room, Coatroom, and Dressing Room Attendants	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$19,631	\$7.00	\$10.66
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	10	<5	10	Moderate-term on-the-job training			
39-4011	Embalmers	10	10	0	0.00%	<5	<5	<5	Postsecondary vocational training			
39-4021	Funeral Attendants	60	70	10	16.67%	10	<5	10	Short-term on-the-job training	\$26,412	\$9.94	\$14.08
39-5011	Barbers	10	10	0	0.00%	<5	<5	<5	Postsecondary vocational training			
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,620	1,670	50	3.09%	30	30	60	Postsecondary vocational training	\$25,851	\$6.60	\$15.34
39-5092	Manicurists and Pedicurists	*	*	*	*	10	<5	10	Postsecondary vocational training	\$16,429	\$6.57	\$8.56
39-5093	Shampooers	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
39-5094	Skin Care Specialists	40	40	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$28,003	\$9.90	\$15.25
39-6011	Baggage Porters and Bellhops	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$18,092	\$6.44	\$9.83
39-6012	Concierges	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$19,611	\$7.89	\$10.20
39-6021	Tour Guides and Escorts	100	100	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$22,930	\$6.25	\$13.41
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
39-6031	Flight Attendants	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
39-9011	Child Care Workers	2,340	2,430	90	3.85%	50	70	120	Short-term on-the-job training	\$18,146	\$7.21	\$9.48
39-9021	Personal and Home Care Aides	3,240	3,460	220	6.79%	110	50	160	Short-term on-the-job training	\$20,289	\$8.96	\$10.15
39-9031	Fitness Trainers and Aerobics Instructors	690	710	20	2.90%	10	20	30	Postsecondary vocational training	\$27,592	\$7.44	\$16.18
39-9032	Recreation Workers	960	990	30	3.13%	20	20	40	Bachelor's degree	\$22,851	\$6.69	\$13.13
39-9041	Residential Advisors	140	150	10	7.14%	10	<5	10	Moderate-term on-the-job training	\$27,874	\$10.36	\$14.92
39-9099	Personal Care and Service Workers, All Other	130	130	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$23,670	\$7.57	\$13.29
41-0000	Sales and Related Occupations	38,030	38,530	500	1.31%	250	1,480	1,730		\$32,193	\$7.24	\$19.59
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,840	2,840	0	0.00%	<5	50	50	Work experience in a related occupation	\$39,827	\$12.10	\$22.67
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	770	780	10	1.30%	10	10	20	Work experience in a related occupation	\$71,982	\$17.82	\$43.00
41-2011	Cashiers	9,190	9,160	-30	-0.33%	-20	600	580	Short-term on-the-job training	\$17,079	\$6.74	\$8.94
41-2012	Gaming Change Persons and Booth Cashiers	70	70	0	0.00%	<5	10	10	Short-term on-the-job training			
41-2021	Counter and Rental Clerks	1,290	1,330	40	3.10%	20	60	80	Short-term on-the-job training	\$19,614	\$6.13	\$11.08
41-2022	Parts Salespersons	530	520	-10	-1.89%	-10	20	10	Moderate-term on-the-job training	\$32,448	\$10.74	\$18.03
41-2031	Retail Salespersons	12,190	12,430	240	1.97%	120	490	610	Short-term on-the-job training	\$23,329	\$7.17	\$13.24
41-3011	Advertising Sales Agents	450	450	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$43,126	\$11.16	\$25.52
41-3021	Insurance Sales Agents	1,000	1,000	0	0.00%	<5	20	20	Bachelor's degree	\$54,109	\$13.35	\$32.35
41-3031	Securities, Commodities, and Financial Services Sales Agents	380	390	10	2.63%	10	<5	10	Bachelor's degree	\$68,241	\$16.98	\$40.72
41-3041	Travel Agents	190	190	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$29,228	\$9.50	\$16.33
41-3099	Sales Representatives, Services, All Other	*	*	*	*	10	20	30	Moderate-term on-the-job training	\$56,647	\$13.29	\$34.21
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,230	1,270	40	3.25%	20	30	50	Moderate-term on-the-job training	\$62,807	\$18.10	\$36.25
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,410	4,540	130	2.95%	70	110	180	Moderate-term on-the-job training	\$54,043	\$14.13	\$31.91
41-9011	Demonstrators and Product Promoters	230	240	10	4.35%	10	10	20	Moderate-term on-the-job training	\$23,632	\$6.93	\$13.57
41-9012	Models	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
41-9021	Real Estate Brokers	110	120	10	9.09%	10	<5	10	Postsecondary vocational training	\$47,411	\$16.30	\$26.04
41-9022	Real Estate Sales Agents	200	200	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$53,793	\$14.31	\$31.64
41-9031	Sales Engineers	220	230	10	4.55%	10	10	20	Bachelor's degree	\$64,122	\$22.26	\$35.11
41-9041	Telemarketers	*	*	*	*	-10	20	10	Short-term on-the-job training	\$20,160	\$7.43	\$10.82
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
41-9099	Sales and Related Workers, All Other	470	490	20	4.26%	10	10	20	Moderate-term on-the-job training	\$44,481	\$10.92	\$26.62
43-0000	Office and Administrative Support Occupations	75,390	75,570	180	0.24%	90	1,730	1,820		\$29,446	\$9.68	\$16.40
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	4,040	4,060	20	0.50%	10	80	90	Work experience in a related occupation	\$45,035	\$15.06	\$24.95
43-2011	Switchboard Operators, Including Answering Service	630	610	-20	-3.17%	-10	20	10	Short-term on-the-job training	\$23,801	\$9.18	\$12.57
43-2021	Telephone Operators	*	*	*	*	-10	<5	-10	Short-term on-the-job training			
43-2099	Communications Equipment Operators, All Other	10	10	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$36,254	\$14.42	\$18.93
43-3011	Bill and Account Collectors	910	950	40	4.40%	20	20	40	Short-term on-the-job training	\$30,491	\$10.55	\$16.71
43-3021	Billing and Posting Clerks and Machine Operators	1,610	1,600	-10	-0.62%	-10	30	20	Moderate-term on-the-job training	\$30,466	\$11.52	\$16.21

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43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,950	6,980	30	0.43%	20	120	140	Moderate-term on-the-job training	\$30,268	\$10.75	\$16.45
43-3041	Gaming Cage Workers	70	70	0	0.00%	<5	10	10	Short-term on-the-job training			
43-3051	Payroll and Timekeeping Clerks	630	650	20	3.17%	10	20	30	Moderate-term on-the-job training	\$31,085	\$10.86	\$16.99
43-3061	Procurement Clerks	220	220	0	0.00%	<5	10	10	Short-term on-the-job training	\$32,239	\$12.09	\$17.20
43-3071	Tellers	1,850	1,860	10	0.54%	10	110	120	Short-term on-the-job training	\$21,910	\$8.53	\$11.53
43-4011	Brokerage Clerks	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$33,991	\$14.08	\$17.47
43-4021	Correspondence Clerks	80	80	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$28,134	\$10.83	\$14.88
43-4031	Court, Municipal, and License Clerks	190	200	10	5.26%	10	<5	10	Short-term on-the-job training	\$35,969	\$12.69	\$19.59
43-4041	Credit Authorizers, Checkers, and Clerks	160	150	-10	-6.25%	-10	<5	-10	Short-term on-the-job training	\$28,408	\$10.94	\$15.02
43-4051	Customer Service Representatives	8,150	8,350	200	2.45%	100	120	220	Moderate-term on-the-job training	\$29,967	\$10.13	\$16.55
43-4061	Eligibility Interviewers, Government Programs	290	280	-10	-3.45%	-10	10	<5	Moderate-term on-the-job training	\$38,892	\$13.28	\$21.41
43-4071	File Clerks	750	690	-60	-8.00%	-30	20	-10	Short-term on-the-job training	\$23,610	\$8.91	\$12.57
43-4081	Hotel, Motel, and Resort Desk Clerks	1,030	1,070	40	3.88%	20	50	70	Short-term on-the-job training	\$20,593	\$7.63	\$11.03
43-4111	Interviewers, Except Eligibility and Loan	600	630	30	5.00%	20	20	40	Short-term on-the-job training	\$24,953	\$9.94	\$13.02
43-4121	Library Assistants, Clerical	260	260	0	0.00%	<5	10	10	Short-term on-the-job training	\$21,094	\$7.10	\$11.66
43-4131	Loan Interviewers and Clerks	720	710	-10	-1.39%	-10	10	<5	Short-term on-the-job training	\$31,560	\$11.61	\$16.95
43-4141	New Accounts Clerks	210	210	0	0.00%	<5	10	10	Work experience in a related occupation	\$28,978	\$12.10	\$14.85
43-4151	Order Clerks	*	*	*	*	-10	40	30	Short-term on-the-job training			
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	580	600	20	3.45%	10	10	20	Short-term on-the-job training	\$33,678	\$12.18	\$18.20
43-4171	Receptionists and Information Clerks	3,890	4,000	110	2.83%	60	100	160	Short-term on-the-job training	\$24,014	\$8.68	\$12.98
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	110	110	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$17,399	\$7.54	\$8.78
43-4199	Information and Record Clerks, All Other	800	790	-10	-1.25%	-10	10	<5	Short-term on-the-job training	\$31,611	\$10.36	\$17.62
43-5011	Cargo and Freight Agents	90	80	-10	-11.11%	-10	<5	-10	Moderate-term on-the-job training	\$37,815	\$9.61	\$22.47
43-5021	Couriers and Messengers	360	350	-10	-2.78%	-10	10	<5	Short-term on-the-job training	\$23,477	\$7.82	\$13.02
43-5031	Police, Fire, and Ambulance Dispatchers	220	220	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$33,271	\$12.45	\$17.77
43-5032	Dispatchers, Except Police, Fire, and Ambulance	440	450	10	2.27%	10	10	20	Moderate-term on-the-job training	\$34,960	\$10.81	\$19.81
43-5041	Meter Readers, Utilities	100	90	-10	-10.00%	-10	<5	-10	Short-term on-the-job training	\$26,373	\$8.73	\$14.65
43-5051	Postal Service Clerks	180	180	0	0.00%	<5	10	10	Short-term on-the-job training	\$46,875	\$19.06	\$24.27
43-5052	Postal Service Mail Carriers	1,020	1,010	-10	-0.98%	-10	30	20	Short-term on-the-job training	\$43,228	\$15.59	\$23.38
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	560	560	0	0.00%	<5	10	10	Short-term on-the-job training	\$42,356	\$15.33	\$22.88
43-5061	Production, Planning, and Expediting Clerks	960	970	10	1.04%	10	20	30	Short-term on-the-job training	\$38,183	\$13.89	\$20.59
43-5071	Shipping, Receiving, and Traffic Clerks	2,340	2,360	20	0.85%	10	50	60	Short-term on-the-job training	\$27,225	\$10.25	\$14.51
43-5081	Stock Clerks and Order Fillers	4,480	4,410	-70	-1.56%	-40	220	180	Short-term on-the-job training	\$21,712	\$7.15	\$12.08
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	360	360	0	0.00%	<5	10	10	Short-term on-the-job training	\$27,256	\$9.90	\$14.71
43-6011	Executive Secretaries and Administrative Assistants	5,110	5,190	80	1.57%	40	90	130	Moderate-term on-the-job training	\$35,239	\$12.45	\$19.19
43-6012	Legal Secretaries	690	690	0	0.00%	<5	10	10	Postsecondary vocational training	\$32,526	\$10.51	\$18.20
43-6013	Medical Secretaries	740	760	20	2.70%	10	10	20	Postsecondary vocational training	\$28,349	\$11.49	\$14.70
43-6014	Secretaries, Except Legal, Medical, and Executive	7,680	7,550	-130	-1.69%	-70	130	60	Moderate-term on-the-job training	\$28,596	\$10.82	\$15.21
43-9011	Computer Operators	370	340	-30	-8.11%	-20	10	-10	Moderate-term on-the-job training	\$35,127	\$11.93	\$19.37
43-9021	Data Entry Keyers	1,040	1,030	-10	-0.96%	-10	30	20	Moderate-term on-the-job training	\$24,780	\$8.93	\$13.40
43-9022	Word Processors and Typists	440	420	-20	-4.55%	-10	10	<5	Moderate-term on-the-job training	\$31,069	\$11.42	\$16.70
43-9031	Desktop Publishers	*	*	*	*	10	<5	10	Postsecondary vocational training	\$32,526	\$11.90	\$17.50
43-9041	Insurance Claims and Policy Processing Clerks	1,830	1,800	-30	-1.64%	-20	30	10	Moderate-term on-the-job training	\$30,376	\$11.34	\$16.24
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	670	610	-60	-8.96%	-30	20	-10	Short-term on-the-job training	\$26,541	\$9.87	\$14.21
43-9061	Office Clerks, General	7,450	7,490	40	0.54%	20	170	190	Short-term on-the-job training	\$24,506	\$8.44	\$13.45
43-9071	Office Machine Operators, Except Computer	300	280	-20	-6.67%	-10	10	<5	Short-term on-the-job training	\$26,779	\$9.91	\$14.36
43-9081	Proofreaders and Copy Markers	90	90	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$28,895	\$7.53	\$17.07
43-9111	Statistical Assistants	50	50	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$38,158	\$14.83	\$20.10
43-9199	Office and Administrative Support Workers, All Other	1,030	1,040	10	0.97%	10	30	40	Short-term on-the-job training	\$27,122	\$8.78	\$15.17
45-0000	Farming, Fishing, and Forestry Occupations	620	630	10	1.61%	10	20	30		\$27,718	\$8.13	\$15.92
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$44,204	\$18.39	\$22.68
45-2011	Agricultural Inspectors	90	90	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$35,820	\$13.85	\$18.91

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45-2021	Animal Breeders	20	20	0	0.00%	<5	<5	<5	Associate Degree	\$38,500	\$9.13	\$23.20
45-2041	Graders and Sorters, Agricultural Products	*	*	*	*	10	<5	10	Work experience in a related occupation			
45-2091	Agricultural Equipment Operators	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$31,977	\$11.17	\$17.47
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	80	80	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$20,413	\$7.31	\$11.07
45-2093	Farmworkers, Farm and Ranch Animals	140	150	10	7.14%	10	10	20	Short-term on-the-job training	\$24,008	\$8.00	\$13.32
45-2099	Agricultural Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$19,881	\$7.83	\$10.42
45-3011	Fishers and Related Fishing Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
45-4011	Forest and Conservation Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
45-4021	Fallers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
45-4022	Logging Equipment Operators	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
45-4023	Log Graders and Scalers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
45-4029	Logging Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-0000	Construction and Extraction Occupations	18,750	19,470	720	3.84%	360	340	700		\$43,107	\$12.91	\$24.63
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,410	1,460	50	3.55%	30	20	50	Work experience in a related occupation	\$63,298	\$20.09	\$35.60
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
47-2021	Brickmasons and Blockmasons	490	510	20	4.08%	10	10	20	Long-term on-the-job training	\$54,868	\$18.28	\$30.43
47-2022	Stonemasons	*	*	*	*	10	<5	10	Long-term on-the-job training			
47-2031	Carpenters	3,720	3,870	150	4.03%	80	60	140	Long-term on-the-job training	\$40,762	\$13.53	\$22.63
47-2041	Carpet Installers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$31,012	\$10.54	\$17.10
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	*	*	*	*	10	<5	10	Moderate-term on-the-job training			
47-2043	Floor Sanders and Finishers	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
47-2044	Tile and Marble Setters	100	100	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$56,941	\$19.75	\$31.19
47-2051	Cement Masons and Concrete Finishers	680	720	40	5.88%	20	10	30	Moderate-term on-the-job training	\$40,012	\$15.36	\$21.18
47-2053	Terrazzo Workers and Finishers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
47-2061	Construction Laborers	2,380	2,440	60	2.52%	30	30	60	Moderate-term on-the-job training	\$32,506	\$10.85	\$18.02
47-2071	Paving, Surfacing, and Tamping Equipment Operators	170	180	10	5.88%	10	<5	10	Moderate-term on-the-job training	\$40,737	\$14.49	\$22.13
47-2072	Pile-Driver Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-2073	Operating Engineers and Other Construction Equipment Operators	1,230	1,280	50	4.07%	30	30	60	Moderate-term on-the-job training	\$42,204	\$15.96	\$22.45
47-2081	Drywall and Ceiling Tile Installers	260	270	10	3.85%	10	10	20	Moderate-term on-the-job training	\$37,843	\$9.77	\$22.41
47-2082	Tapers	120	130	10	8.33%	10	<5	10	Moderate-term on-the-job training	\$46,924	\$18.04	\$24.82
47-2111	Electricians	1,660	1,720	60	3.61%	30	30	60	Long-term on-the-job training	\$47,652	\$15.09	\$26.82
47-2121	Glaziers	90	90	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$45,743	\$14.37	\$25.80
47-2131	Insulation Workers, Floor, Ceiling, and Wall	130	130	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$29,057	\$10.64	\$15.63
47-2132	Insulation Workers, Mechanical	70	70	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$61,894	\$16.52	\$36.38
47-2141	Painters, Construction and Maintenance	700	730	30	4.29%	20	10	30	Moderate-term on-the-job training	\$40,552	\$13.17	\$22.66
47-2142	Paperhangers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-2151	Pipelayers	120	120	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$46,141	\$15.60	\$25.48
47-2152	Plumbers, Pipefitters, and Steamfitters	1,260	1,320	60	4.76%	30	30	60	Long-term on-the-job training	\$58,337	\$21.01	\$31.57
47-2161	Plasterers and Stucco Masons	100	100	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$42,740	\$15.02	\$23.31
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
47-2181	Roofers	370	400	30	8.11%	20	10	30	Moderate-term on-the-job training	\$34,004	\$11.53	\$18.76
47-2211	Sheet Metal Workers	590	610	20	3.39%	10	10	20	Long-term on-the-job training	\$47,810	\$14.15	\$27.40
47-2221	Structural Iron and Steel Workers	*	*	*	*	10	10	20	Long-term on-the-job training	\$37,762	\$12.03	\$21.22
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	*	*	*	*	10	10	20	Short-term on-the-job training	\$29,636	\$9.75	\$16.50
47-3012	Helpers--Carpenters	*	*	*	*	10	10	20	Short-term on-the-job training	\$18,912	\$5.79	\$10.74
47-3013	Helpers--Electricians	*	*	*	*	<5	10	10	Short-term on-the-job training	\$23,858	\$9.70	\$12.35
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$23,072	\$7.40	\$12.94
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	120	120	0	0.00%	<5	10	10	Short-term on-the-job training	\$29,952	\$11.61	\$15.80
47-3016	Helpers--Roofers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$24,165	\$9.41	\$12.72
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
47-4011	Construction and Building Inspectors	270	270	0	0.00%	<5	10	10	Work experience in a related occupation	\$43,185	\$14.10	\$24.09
47-4021	Elevator Installers and Repairers	*	*	*	*	10	<5	10	Long-term on-the-job training			

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47-4031	Fence Erectors	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-4041	Hazardous Materials Removal Workers	90	100	10	11.11%	10	<5	10	Moderate-term on-the-job training	\$37,680	\$14.35	\$20.00
47-4051	Highway Maintenance Workers	650	670	20	3.08%	10	10	20	Moderate-term on-the-job training	\$33,051	\$11.92	\$17.87
47-4061	Rail-Track Laying and Maintenance Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	130	130	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$24,398	\$9.17	\$13.01
47-4091	Segmental Pavers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-4099	Construction and Related Workers, All Other	*	*	*	*	-10	<5	-10	Moderate-term on-the-job training			
47-5012	Rotary Drill Operators, Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-5013	Service Unit Operators, Oil, Gas, and Mining	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-5021	Earth Drillers, Except Oil and Gas	160	160	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$36,427	\$13.03	\$19.76
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-5041	Continuous Mining Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-5042	Mine Cutting and Channeling Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-5051	Rock Splitters, Quarry	10	10	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
47-5071	Roustabouts, Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
47-5081	Helpers--Extraction Workers	10	10	0	0.00%	<5	<5	<5	Short-term on-the-job training			
47-5099	Extraction Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
49-0000	Installation, Maintenance, and Repair Occupations	15,130	15,400	270	1.78%	140	320	460		\$38,177	\$12.11	\$21.47
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,250	1,270	20	1.60%	10	30	40	Work experience in a related occupation	\$53,972	\$18.64	\$29.60
49-2011	Computer, Automated Teller, and Office Machine Repairers	340	340	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$36,428	\$10.73	\$20.90
49-2021	Radio Mechanics	*	*	*	*	<5	<5	<5	Postsecondary vocational training			
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	700	660	-40	-5.71%	-20	10	-10	Postsecondary vocational training	\$50,728	\$20.96	\$26.10
49-2091	Avionics Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training			
49-2092	Electric Motor, Power Tool, and Related Repairers	50	50	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$31,850	\$10.69	\$17.63
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	*	*	*	*	<5	<5	<5	Postsecondary vocational training			
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	160	160	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$43,045	\$16.56	\$22.76
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$56,305	\$22.27	\$29.47
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	60	60	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$25,204	\$11.59	\$12.38
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	130	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$32,743	\$11.20	\$18.01
49-2098	Security and Fire Alarm Systems Installers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$33,755	\$14.34	\$17.17
49-3011	Aircraft Mechanics and Service Technicians	90	90	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$49,994	\$15.49	\$28.31
49-3021	Automotive Body and Related Repairers	450	450	0	0.00%	<5	10	10	Long-term on-the-job training	\$39,482	\$13.07	\$21.94
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
49-3023	Automotive Service Technicians and Mechanics	1,850	1,890	40	2.16%	20	50	70	Postsecondary vocational training	\$34,503	\$11.27	\$19.24
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	610	630	20	3.28%	10	20	30	Postsecondary vocational training	\$37,093	\$12.59	\$20.46
49-3041	Farm Equipment Mechanics	180	180	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$31,611	\$11.82	\$16.89
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	230	240	10	4.35%	10	10	20	Postsecondary vocational training	\$40,568	\$16.54	\$20.99
49-3043	Rail Car Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
49-3051	Motorboat Mechanics	70	70	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$29,164	\$10.78	\$15.64
49-3052	Motorcycle Mechanics	50	50	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$28,410	\$10.63	\$15.17
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	110	110	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$36,632	\$12.06	\$20.39
49-3091	Bicycle Repairers	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$26,027	\$9.21	\$14.16
49-3092	Recreational Vehicle Service Technicians	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
49-3093	Tire Repairers and Changers	*	*	*	*	<5	10	10	Short-term on-the-job training	\$22,802	\$8.43	\$12.23
49-9011	Mechanical Door Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$31,895	\$12.21	\$16.89
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	760	800	40	5.26%	20	10	30	Long-term on-the-job training	\$44,589	\$14.77	\$24.77

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49-9031	Home Appliance Repairers	140	150	10	7.14%	10	<5	10	Long-term on-the-job training	\$30,738	\$12.07	\$16.13
49-9041	Industrial Machinery Mechanics	780	790	10	1.28%	10	10	20	Long-term on-the-job training	\$39,245	\$13.96	\$21.32
49-9042	Maintenance and Repair Workers, General	4,100	4,190	90	2.20%	50	70	120	Long-term on-the-job training	\$34,036	\$11.78	\$18.65
49-9043	Maintenance Workers, Machinery	260	260	0	0.00%	<5	10	10	Short-term on-the-job training	\$31,681	\$11.40	\$17.15
49-9044	Millwrights	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$47,894	\$19.88	\$24.60
49-9045	Refractory Materials Repairers, Except Brickmasons	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$44,558	\$14.27	\$25.00
49-9051	Electrical Power-Line Installers and Repairers	410	420	10	2.44%	10	10	20	Long-term on-the-job training	\$49,296	\$17.32	\$26.89
49-9052	Telecommunications Line Installers and Repairers	*	*	*	*	<5	10	10	Long-term on-the-job training	\$36,948	\$12.48	\$20.40
49-9061	Camera and Photographic Equipment Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
49-9062	Medical Equipment Repairers	80	90	10	12.50%	10	<5	10	Associate degree	\$42,124	\$14.62	\$23.07
49-9063	Musical Instrument Repairers and Tuners	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
49-9064	Watch Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
49-9069	Precision Instrument and Equipment Repairers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$36,462	\$9.54	\$21.53
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	220	220	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$35,853	\$12.45	\$19.63
49-9092	Commercial Divers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
49-9093	Fabric Menders, Except Garment	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
49-9094	Locksmiths and Safe Repairers	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,220	\$11.33	\$17.57
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
49-9096	Riggers	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training			
49-9098	Helpers--Installation, Maintenance, and Repair Workers	380	390	10	2.63%	10	10	20	Short-term on-the-job training	\$23,116	\$7.04	\$13.15
49-9099	Installation, Maintenance, and Repair Workers, All Other	370	380	10	2.70%	10	10	20	Moderate-term on-the-job training	\$33,655	\$10.99	\$18.78
51-0000	Production Occupations	43,180	43,600	420	0.97%	210	1,010	1,220		\$30,608	\$10.00	\$17.07
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,740	2,790	50	1.82%	30	50	80	Work experience in a related occupation	\$48,214	\$16.30	\$26.62
51-2021	Coil Winders, Tapers, and Finishers	*	*	*	*	-10	<5	-10	Short-term on-the-job training	\$23,062	\$9.10	\$12.08
51-2022	Electrical and Electronic Equipment Assemblers	710	720	10	1.41%	10	20	30	Short-term on-the-job training	\$27,025	\$10.52	\$14.23
51-2023	Electromechanical Equipment Assemblers	190	190	0	0.00%	<5	10	10	Short-term on-the-job training	\$30,660	\$8.30	\$17.96
51-2031	Engine and Other Machine Assemblers	190	190	0	0.00%	<5	10	10	Short-term on-the-job training	\$25,481	\$8.67	\$14.04
51-2041	Structural Metal Fabricators and Fitters	450	450	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$35,544	\$14.51	\$18.38
51-2091	Fiberglass Laminators and Fabricators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$25,593	\$9.36	\$13.78
51-2092	Team Assemblers	5,880	6,010	130	2.21%	70	150	220	Moderate-term on-the-job training	\$25,704	\$9.06	\$14.01
51-2099	Assemblers and Fabricators, All Other	890	890	0	0.00%	<5	20	20	Moderate-term on-the-job training	\$26,463	\$9.79	\$14.19
51-3011	Bakers	540	550	10	1.85%	10	10	20	Long-term on-the-job training	\$23,035	\$8.25	\$12.49
51-3021	Butchers and Meat Cutters	580	580	0	0.00%	<5	10	10	Long-term on-the-job training	\$26,922	\$9.78	\$14.52
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	230	230	0	0.00%	<5	10	10	Short-term on-the-job training	\$23,446	\$8.52	\$12.65
51-3023	Slaughterers and Meat Packers	*	*	*	*	20	20	40	Moderate-term on-the-job training	\$20,317	\$8.23	\$10.54
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	110	110	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$38,034	\$16.25	\$19.30
51-3092	Food Batchmakers	560	570	10	1.79%	10	20	30	Short-term on-the-job training	\$23,642	\$6.71	\$13.70
51-3093	Food Cooking Machine Operators and Tenders	190	190	0	0.00%	<5	10	10	Short-term on-the-job training	\$25,370	\$10.36	\$13.12
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	720	730	10	1.39%	10	10	20	Moderate-term on-the-job training	\$31,983	\$11.44	\$17.35
51-4012	Numerical Tool and Process Control Programmers	70	70	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$40,721	\$16.74	\$21.00
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	290	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$26,673	\$10.40	\$14.03
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	260	270	10	3.85%	10	<5	10	Moderate-term on-the-job training			
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$30,593	\$12.27	\$15.93
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,460	1,420	-40	-2.74%	-20	30	10	Moderate-term on-the-job training	\$30,772	\$10.44	\$16.97
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	240	240	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$29,574	\$10.73	\$15.96
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	560	560	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$30,240	\$11.10	\$16.26
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	300	310	10	3.33%	10	10	20	Moderate-term on-the-job training	\$30,227	\$10.98	\$16.31



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51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$30,237	\$10.24	\$16.69
51-4041	Machinists	1,430	1,470	40	2.80%	20	30	50	Long-term on-the-job training	\$34,448	\$12.05	\$18.82
51-4051	Metal-Refining Furnace Operators and Tenders	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$26,473	\$10.35	\$13.92
51-4052	Pourers and Casters, Metal	100	100	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$28,611	\$11.06	\$15.10
51-4061	Model Makers, Metal and Plastic	50	50	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$41,416	\$16.62	\$21.56
51-4062	Patternmakers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$29,789	\$12.31	\$15.33
51-4071	Foundry Mold and Coremakers	150	150	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$28,096	\$9.96	\$15.28
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,170	1,170	0	0.00%	<5	30	30	Moderate-term on-the-job training	\$25,893	\$10.09	\$13.63
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	490	500	10	2.04%	10	10	20	Moderate-term on-the-job training	\$29,167	\$10.62	\$15.72
51-4111	Tool and Die Makers	470	470	0	0.00%	<5	10	10	Long-term on-the-job training	\$40,788	\$15.76	\$21.54
51-4121	Welders, Cutters, Solderers, and Brazers	1,400	1,430	30	2.14%	20	40	60	Postsecondary vocational training	\$33,918	\$13.27	\$17.83
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	260	270	10	3.85%	10	10	20	Moderate-term on-the-job training	\$30,730	\$11.38	\$16.47
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	90	90	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$26,657	\$11.65	\$13.40
51-4192	Lay-Out Workers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	90	90	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$29,910	\$10.54	\$16.30
51-4194	Tool Grinders, Filers, and Sharpeners	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$33,516	\$12.74	\$17.80
51-4199	Metal Workers and Plastic Workers, All Other	190	190	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$32,473	\$11.90	\$17.47
51-5011	Bindery Workers	910	910	0	0.00%	<5	20	20	Moderate-term on-the-job training	\$28,944	\$9.31	\$16.22
51-5012	Bookbinders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-5021	Job Printers	330	330	0	0.00%	<5	10	10	Long-term on-the-job training	\$29,726	\$11.19	\$15.84
51-5022	Prepress Technicians and Workers	470	460	-10	-2.13%	-10	10	<5	Postsecondary vocational training	\$39,705	\$14.02	\$21.62
51-5023	Printing Machine Operators	1,210	1,210	0	0.00%	<5	30	30	Moderate-term on-the-job training	\$38,932	\$13.88	\$21.14
51-6011	Laundry and Dry-Cleaning Workers	660	670	10	1.52%	10	20	30	Moderate-term on-the-job training	\$20,401	\$7.64	\$10.89
51-6021	Pressers, Textile, Garment, and Related Materials	170	170	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$21,654	\$8.64	\$11.29
51-6031	Sewing Machine Operators	560	570	10	1.79%	10	10	20	Moderate-term on-the-job training	\$25,103	\$9.67	\$13.27
51-6041	Shoe and Leather Workers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-6042	Shoe Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-6051	Sewers, Hand	0	0	0	NA	<5	<5	<5	Short-term on-the-job training			
51-6052	Tailors, Dressmakers, and Custom Sewers	140	150	10	7.14%	10	<5	10	Work experience in a related occupation	\$22,853	\$7.01	\$12.98
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	80	80	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$22,336	\$9.08	\$11.57
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-6092	Fabric and Apparel Patternmakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-6093	Upholsterers	50	50	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$34,432	\$12.32	\$18.67
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$31,497	\$11.75	\$16.84
51-7011	Cabinetmakers and Bench Carpenters	330	330	0	0.00%	<5	10	10	Long-term on-the-job training	\$33,336	\$12.85	\$17.61
51-7021	Furniture Finishers	50	50	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$24,107	\$8.42	\$13.17
51-7031	Model Makers, Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-7032	Patternmakers, Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	140	140	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$24,577	\$9.83	\$12.81
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	310	300	-10	-3.23%	-10	10	<5	Moderate-term on-the-job training	\$27,361	\$10.22	\$14.62
51-7099	Woodworkers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-8011	Nuclear Power Reactor Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-8012	Power Distributors and Dispatchers	20	20	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$65,783	\$23.73	\$35.57
51-8013	Power Plant Operators	170	170	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$40,861	\$15.98	\$21.48

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51-8021	Stationary Engineers and Boiler Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-8031	Water and Liquid Waste Treatment Plant and System Operators	270	270	0	0.00%	<5	10	10	Long-term on-the-job training	\$38,709	\$16.19	\$19.82
51-8091	Chemical Plant and System Operators	100	110	10	10.00%	10	<5	10	Long-term on-the-job training	\$38,954	\$14.96	\$20.61
51-8092	Gas Plant Operators	10	10	0	0.00%	<5	<5	<5	Long-term on-the-job training			
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-8099	Plant and System Operators, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
51-9011	Chemical Equipment Operators and Tenders	120	120	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,569	\$13.28	\$16.85
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	250	250	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$28,883	\$9.46	\$16.10
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	210	210	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$31,782	\$10.68	\$17.58
51-9022	Grinding and Polishing Workers, Hand	160	160	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$27,175	\$10.57	\$14.31
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	540	550	10	1.85%	10	10	20	Moderate-term on-the-job training	\$30,544	\$11.52	\$16.27
51-9031	Cutters and Trimmers, Hand	100	100	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$30,621	\$12.12	\$16.02
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	610	610	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$32,189	\$11.23	\$17.60
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	*	*	*	*	<5	10	10	Moderate-term on-the-job training			
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	70	70	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$26,019	\$9.71	\$13.91
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,630	2,690	60	2.28%	30	60	90	Moderate-term on-the-job training	\$31,854	\$11.25	\$17.35
51-9071	Jewelers and Precious Stone and Metal Workers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$32,690	\$12.63	\$17.26
51-9081	Dental Laboratory Technicians	160	170	10	6.25%	10	<5	10	Long-term on-the-job training	\$38,041	\$11.99	\$21.44
51-9082	Medical Appliance Technicians	20	30	10	50.00%	10	<5	10	Long-term on-the-job training			
51-9083	Ophthalmic Laboratory Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$21,357	\$9.55	\$10.63
51-9111	Packaging and Filling Machine Operators and Tenders	2,150	2,150	0	0.00%	<5	40	40	Short-term on-the-job training	\$26,741	\$10.28	\$14.14
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	500	500	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$30,893	\$11.42	\$16.57
51-9122	Painters, Transportation Equipment	150	150	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$51,195	\$12.38	\$30.73
51-9123	Painting, Coating, and Decorating Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$23,909	\$8.57	\$12.96
51-9131	Photographic Process Workers	100	100	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
51-9132	Photographic Processing Machine Operators	180	170	-10	-5.56%	-10	10	<5	Short-term on-the-job training	\$21,407	\$7.92	\$11.48
51-9141	Semiconductor Processors	*	*	*	*	<5	<5	<5	Associate degree			
51-9191	Cementing and Gluing Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
51-9194	Etchers and Engravers	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training			
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	110	120	10	9.09%	10	<5	10	Moderate-term on-the-job training	\$29,714	\$10.85	\$16.00
51-9196	Paper Goods Machine Setters, Operators, and Tenders	300	300	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$29,018	\$10.92	\$15.46
51-9197	Tire Builders	10	10	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
51-9198	Helpers--Production Workers	1,910	1,950	40	2.09%	20	60	80	Short-term on-the-job training	\$23,416	\$8.59	\$12.59
51-9199	Production Workers, All Other	1,050	1,060	10	0.95%	10	30	40	Moderate-term on-the-job training	\$30,807	\$10.33	\$17.05
53-0000	Transportation and Material Moving Occupations	28,000	28,500	500	1.79%	250	640	890		\$28,117	\$8.53	\$16.01
53-1011	Aircraft Cargo Handling Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$38,159	\$12.49	\$21.27
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	540	550	10	1.85%	10	10	20	Work experience in a related occupation	\$45,064	\$14.63	\$25.18
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	580	600	20	3.45%	10	10	20	Work experience in a related occupation	\$56,992	\$17.46	\$32.37
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	\$69,946		
53-2012	Commercial Pilots	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$78,583		
53-2021	Air Traffic Controllers	*	*	*	*	<5	<5	<5	Bachelor's degree			
53-2022	Airfield Operations Specialists	*	*	*	*	<5	<5	<5	Long-term on-the-job training			
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	*	*	*	*	10	<5	10	Moderate-term on-the-job training	\$24,231	\$10.73	\$12.11

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>
53-3021	Bus Drivers, Transit and Intercity	*	*	*	*	<5	10	10	Moderate-term on-the-job training			
53-3022	Bus Drivers, School	1,100	1,130	30	2.73%	20	20	40	Short-term on-the-job training	\$24,962	\$8.17	\$13.91
53-3031	Driver/Sales Workers	1,020	1,040	20	1.96%	10	20	30	Short-term on-the-job training	\$23,838	\$7.35	\$13.52
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,980	5,100	120	2.41%	60	80	140	Moderate-term on-the-job training	\$36,391	\$12.52	\$19.98
53-3033	Truck Drivers, Light or Delivery Services	3,130	3,210	80	2.56%	40	30	70	Short-term on-the-job training	\$27,280	\$8.90	\$15.22
53-3041	Taxi Drivers and Chauffeurs	660	690	30	4.55%	20	10	30	Short-term on-the-job training	\$19,762	\$7.26	\$10.62
53-3099	Motor Vehicle Operators, All Other	170	180	10	5.88%	10	<5	10	Short-term on-the-job training	\$19,250	\$6.23	\$10.77
53-4099	Rail Transportation Workers, All Other	0	0	0	NA	<5	<5	<5	Moderate-term on-the-job training			
53-5011	Sailors and Marine Oilers	30	30	0	0.00%	<5	<5	<5	Short-term on-the-job training			
53-5021	Captains, Mates, and Pilots of Water Vessels	20	20	0	0.00%	<5	<5	<5	Work experience in a related occupation			
53-5031	Ship Engineers	*	*	*	*	<5	<5	<5	Postsecondary vocational training			
53-6011	Bridge and Lock Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
53-6021	Parking Lot Attendants	170	170	0	0.00%	<5	10	10	Short-term on-the-job training	\$19,207	\$7.17	\$10.26
53-6031	Service Station Attendants	140	140	0	0.00%	<5	10	10	Short-term on-the-job training	\$22,219	\$8.67	\$11.69
53-6041	Traffic Technicians	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
53-6051	Transportation Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation			
53-6099	Transportation Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
53-7011	Conveyor Operators and Tenders	100	110	10	10.00%	10	<5	10	Short-term on-the-job training	\$31,815	\$10.68	\$17.60
53-7021	Crane and Tower Operators	60	60	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$39,385	\$10.00	\$23.41
53-7031	Dredge Operators	0	0	0	NA	<5	<5	<5	Moderate-term on-the-job training			
53-7032	Excavating and Loading Machine and Dragline Operators	110	110	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$48,464	\$14.83	\$27.53
53-7033	Loading Machine Operators, Underground Mining	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
53-7041	Hoist and Winch Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training			
53-7051	Industrial Truck and Tractor Operators	2,300	2,330	30	1.30%	20	40	60	Short-term on-the-job training	\$28,637	\$10.85	\$15.23
53-7061	Cleaners of Vehicles and Equipment	930	940	10	1.08%	10	40	50	Short-term on-the-job training	\$20,320	\$6.42	\$11.45
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,180	7,270	90	1.25%	50	270	320	Short-term on-the-job training	\$24,095	\$8.63	\$13.06
53-7063	Machine Feeders and Offbearers	490	480	-10	-2.04%	-10	20	10	Short-term on-the-job training	\$23,454	\$8.47	\$12.68
53-7064	Packers and Packagers, Hand	3,210	3,270	60	1.87%	30	60	90	Short-term on-the-job training	\$22,389	\$7.21	\$12.54
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
53-7081	Refuse and Recyclable Material Collectors	250	250	0	0.00%	<5	10	10	Short-term on-the-job training	\$32,458	\$11.82	\$17.50
53-7111	Shuttle Car Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training			
53-7121	Tank Car, Truck, and Ship Loaders	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training			
53-7199	Material Moving Workers, All Other	*	*	*	*	<5	10	10	Moderate-term on-the-job training	\$27,133	\$9.65	\$14.74

Footnotes:

- (1) **Employment** is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding. Employment is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment does not include jobs among self-employed and unpaid family workers.
- (2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.
- (3) **Total openings** are the sum of new jobs and replacements. Total openings are an indication of how many new people are needed to enter a given occupation.
- (4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.  
**Short-Term On-the-Job Training:** These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.  
**Moderate-Term On-the-Job Training:** Training for these occupations usually occurs at the workplace and lasts from one to twelve months.  
**Long-Term On-the-Job Training:** These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.  
**Work Experience in Related Occupation:** Occupations in this category require skills and experience gained in other jobs.  
**Postsecondary Vocational Training:** These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Annual Openings			Typical Education/Training Path <sup>(4)</sup>	Estimated Salary and Wages		
		2005	2007	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Avg Ann Salary <sup>(5)</sup>	Entry Level Wage <sup>(6)</sup>	Experienced Wage <sup>(7)</sup>

**Associate Degree:** This degree requires two years of full-time academic work beyond high school.

**Bachelor's Degree:** This degree requires four or five years of full-time academic work at a college or university.

**Master's Degree:** This degree requires one to two years of full-time study beyond a bachelor's degree.

**Doctoral Degree:** This degree usually requires at least three years of full-time study beyond a bachelor's degree.

**First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.

**Bachelor's or higher degree, plus work experience:** These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.

- (5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (6) **Entry Level Wage** is the average of the lower third of wages.
- (7) **Experienced Wage** is the average of the upper two-thirds of wages.
- (8) Either a bachelor's or an associate degree are accepted in this occupations. It depends on the specifics of the position and the employer.

Information is derived using the 2005 OES Survey, 2005 QCEW and 2005 CES (3/05 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy during 2006 and 2007. It is important to note that unanticipated events may affect the accuracy of these projections.

**Source:** Office of Economic Advisors, Wisconsin Department of Workforce Development  
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